SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:	**Power Up GasMaxx**
Product Use:	Gasoline Additive
Restrictions on Use:	Do Not Mix strong acids or strong oxidizing agents.
Manufacturer:	WYS Manufacturing Ltd. Bay 7 & 8, 4216 – 54th Ave. SE Calgary, Alberta T2C 2E3 Canada Phone 1-403-640-7774
Supplier:	Awsum Outcomes Inc. Bay 5 38th Ave. NE Calgary, Alberta T2E 6R9 Canada Phone 1-587-353-2000
Emergency Phone Number:	CANUTEC – 24 hr Emergency No. 1-613-996-6666 Business Hour Number 1-587-353-2000 (Monday through Friday 8:00am to 4:30pm MST)

SECTION II: HAZARDS IDENTIFICATION

GHS Classification:

Causes skin irritation:	Category 2
Combustible liquid:	Category 4
Causes serious eye irritation:	Category 2A
Harmful if inhaled:	Category 4
May be harmful if swallowed or in contact with skin:	Category 5
Suspected of causing cancer:	Category 2

GHS Label Element:

Signal word : **Warning**

Hazard symbol:

Hazard statements:

H227 Combustible liquid
H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled
H351 Suspected of causing cancer

Other hazards: None

Precautionary statements:

Prevention:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from flames and hot surfaces. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTER/doctor/physician if you feel unwell.
P332 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use carbon dioxide, dry chemicals, foam or water spray (fog) to extinguish.
Disposal:
P501 Dispose of contents/container to an approved waste disposal plant.
Storage:
P403 + P35 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Symptoms of Overexposure:
Causes severe skin irritation.
Harmful if inhaled.
Causes eye irritation.
Causes respiratory tract irritation.

Carcinogenicity:
Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Target Organs:
Central nervous system (CNS).

SECTION III: COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Ingredients	Concentration %	C.A.S. #
Hydrocarbon solvent	80-86%	64742-94-5
Monoalkylaryl alkoxylate aminated	7-9%	Confidential
Monoalkylaryl alkoxylate	0.6 – 1%	Confidential

SECTION IV: FIRST AID MEASURES

Ingestion: DO NOT induce vomiting. Immediately call a poison center or doctor. Aspiration of material due to vomiting can cause chemical pneumonitis which can be fatal. If vomiting occurs naturally, the casualty should lean forward to reduce the risk of aspiration.

Skin Contact: Wash with plenty of soap and water. Remove contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. Call a poison center or doctor.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

SECTION V: FIRE-FIGHTING MEASURES

Flammability of the product:	Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Suitable extinguishing media:	Carbon dioxide, foam, dry chemicals or water spray (fog).
Unsuitable extinguishing media:	Avoid spreading with water flooding. Do not use water jet.
Hazardous combustion products:	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Ammonia. Nitrogen oxides. Propylamine, polyalkylglycols, and aliphatic alcohol may also be released.
Special extinguishing methods:	Keep containers cool with water spray.
Special protective equipment and precautions for firefighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
Fire and explosion hazards:	Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Container may rupture on heating. See Section X for additional information.
Special exposure hazards:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Fire water contaminated with material must be contained and prevented from being discharged to any waterway, sewer or drain.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear

appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods for cleaning up: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large spills: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect diatomaceous earth and place in container for disposal according to local regulations (see Section XIII). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section I for emergency contact information and Section XIII for waste disposal.

SECTION VII: HANDLING AND STORAGE

Handling: Put on appropriate personal protective equipment (see Section VIII). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store

and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section X) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Storage temperature: Ambient.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	OSHA		ACGIH		OTHER	
	TWA	STEL	TWA	STEL	TWA	STEL
Naphthalene	10 ppm	N/E	10 ppm (s)	15 ppm	N/E	N/E
Petroleum naphtha	N/E	N/E	N/E	N/E	100 ppm (l)	N/E

(s) – Skin exposure
(l) – Recommended exposure limit
(N/E) – None established

Recommended monitoring procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measure and/or the necessity to use respiratory protective equipment.

Engineering controls:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also

	need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Hygiene measures:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Respiratory protection:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Eye protection:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Hand protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Environmental exposure controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will necessary to reduce emissions to acceptable levels.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Light, yellow
Odour:	Aromatic

Odor:	Amine-like
pH:	Not determined
Pour Point:	-27°C (-17°F)
Boiling Point:	Not determined
Flash Point:	Closed cup: 100C (212°F) PMCC
Viscosity:	1.5 cSt at 40°C (104°F)
Evaporation Rate:	Not determined
Upper Flammability Limit:	Not determined
Lower Flammability Limit:	Not determined
Specific Gravity:	Not determined.
Density:	0.985g/cm3(15.6°C)
Vapour Pressure:	Not determined.
Vapour Density:	Not determined
Solubility in Water:	Insoluble
Autoignition Temperature:	Not determined
Partitioning Coefficient:	Not available
Dispersibility Properties:	Not dispersible in cold water

SECTION X: STABILITY AND REACTIVITY

Chemical Stability:	Material is normally stable at moderately elevated temperatures and pressures.
Conditions to avoid:	Not determined.
Incompatibility:	Strong acids. Strong oxidizing agents.
Polymerization:	**Will not occur.**
Decomposition Temperature:	Not determined.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.

SECTION XI: TOXICOLOGICAL INFORMATION

Eye Irritation:	Moderate to strong eye irritant. Based on data from components or similar materials.
Skin Irritation:	Severe skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from

clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying and cracking of the skin.

Respiratory Irritation: Nose, throat and lung irritant. Based on data from components or similar materials.

Acute Toxicity:

Mixture: Inhalation of high concentrations may cause headaches, dizziness, nausea, stupor, and other central nervous system effects leading to visual impairment, difficulty breathing and convulsions.
Dermal LD_{50} (Rat) = > 3000 mg/kg (Monoalkylaryl alkoxylate aminated.
Based on data from components or similar materials.

Oral LD_{50} (Rat) = > 21000 mg/kg(Monoalkylaryl alkoxylate)
Based on data from components or similar materials.

Petroleum naptha (component): Oral LD_{50} (Rat) = > 5000 mg/kg

Chronic Toxicity: Repeated overexposure to petroleum naphtha can cause nervous system damage.

Dermal Sensitization: No data available to indicate product or components may be a skin sensitizer.

Inhalation Sensitization: No data available to indicate product or components may be a skin sensitizer.

Reproductive Toxicity: No data available to indicate either the product or components present at greater than 0.1% that may cause reproductive toxicity.

Teratogenicity: No data available to indicated product or any components contained at greater than 0.1% may cause birth defects.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: A two-year National Toxicology Program (NTP) study found an increased incidence of tumors of the nose in rats exposed to naphthalene by inhalation. In mice similarly exposed, increase incidences of alveolar/bronchiolar adenomas were

observed. Naphthalene has been classified by the International Agency for Research on Cancer (IARC) as a possible human carcinogen (Group 2B) on the bases of sufficient evidence of carcinogenicity in experimental animals but inadequate evidence in exposed humans

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicity:

Freshwater Fish Toxicity:	The Acute LC_{50} is < 1mg/L based on component data.
Freshwater Invertebrates Toxicity:	The Acute LC_{50} is < 1mg/L based on component data.
Algal Inhibition:	Not determined.
Saltwater Fish Toxicity:	Not determined.
Saltwater Invertebrates Toxicity:	Not determined.
Bacteria Toxicity:	Not determined.
Miscellaneous Toxicity:	Not determined.

Environmental Fate:

Biodegradation:	At least 25% of the components in this product show limited biodegradation based on OECD 301-type test data. At least 25% of the components in this product show moderate biodegradation based on OECD 302-type test data.
Bioaccumulation:	25% or greater of the components potentially bioconcentrate, based on octanol/water coefficients.
Soil Mobility:	Not determined.

SECTION XIII: DISPOSAL CONSIDERATION

Waste Disposal:	This material, if discarded, is not a hazardous waste under

RCRA Regulation 40CFR 261. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

SECTION XIV: TRANSPORT INFORMATION

Canada:	UN3082 Environmentally hazardous substance, liquid, n.o.s. (Naphthalene, Polyether amine), 9, III, Marine Pollutant (Naphthalene, Polyether amine)
ICAO/IATA I:	Not regulated.
ICAO/IATA II:	UN3082 Environmentally hazardous substance, liquid, n.o.s. (Naphthalene, Polyether amine), 9, III, Marine Pollutant (Naphthalene, Polyether amine)
IMDG:	UN3082 Environmentally hazardous substance, liquid, n.o.s. (Naphthalene, Polyether amine), 9, III, Marine Pollutant (Naphthalene, Polyether amine)
IMDG EMS Fire:	F-A
IMDS EMS Spill:	S-F
IMDS MFAG:	None
MARPOL Annex II:	Not determined.
USCG Compatibility:	Not determined.
U.S. DOT Bulk:	NA1993 Combustible liquid, n.o.s. (Hydrocarbon solvent, Petroleum naphtha), III, Marine Pollutant (Naphthalene, Polyether amine), RQ (Naphthalene)
DOT NAERG:	128
U.S. DOT (Intermediate):	NA1993 Combustible liquid, n.o.s. (Hydrocarbon solvent, Petroleum naphtha), III, Marine Pollutant (Naphthalene, Polyether amine)
U.S. DOT Intermediate NAERG:	128

U.S. DOT Non-Bulk:	Not regulated.
U.S. DOT Non-Bulk NAERG:	Not applicable.
Mexico:	UN3082 Environmentally hazardous substance, liquid, n.o.s. (Naphthalene, Polyether amine), 9, III, Marine Pollutant (Naphthalene, Polyether amine)
Bulk Quantity:	85000 kg, 187391 lbs.
Intermediate Quantity:	11000 kg, 24251 lbs.
Non-Bulk Quantity:	400 kg, 882 lbs.

SECTION XV: Regulatory Information

Canada:	HMIRA Registry number 11925
	All components of this material are on the US TSCA Inventory or are exempt.
USA:	Section 8D (Naphthalene)
Other TSCA Reg:	This product requires notification in Japan.
Japan:	All components are in compliance with chemical notification requirements in Australia.
Australia:	All components are in compliance with chemical notification requirement in New Zealand.
New Zealand:	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Switzerland:	All components are in compliance in Korea.
Korea:	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
Philippines:	All components of this product are listed on the Inventory of Existing Chemical Substances in China.

China: All components of this product are listed on the Taiwan Inventory.

Taiwan: This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

SARA Extremely Hazardous Substances:

SARA 311 Classifications:

Acute Hazard	Yes
Chronic Hazard	Yes
Fire Hazard	Yes
Reactivity Hazard	No

SARA Section 313: 0.2% Naphthalene, CAS no. 91-20-3

CERCLA Hazardous Substances:

Transit Reportable Quantities

Component	Reportable Quantity RQ	Units	Reportable Quantity RQ	Units
Naphthalene	41056	lbs.	18623	kg

California Prop. 65: This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects: <0.05 ppm Benzene, CAS no. 71-43-2, 0.244% Naphthalene, CAS no. 91-20-3

U.S. Fuel Registration: This fuel additive is registered in the United States.

Finnish Registration Number: Not Registered.

Swedish Registration Number: 490090-8

Norwegian Registration Number: Not Registered.

Danish Registration Number: Not Registered.

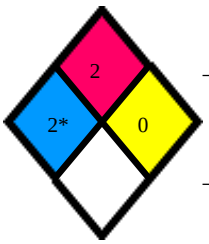
Swiss Registration Number: Not Registered.

Italian Registration Number: Not Registered.

Miscellaneous Regulatory Information: Not determined.

SECTION XVI: OTHER INFORMATION

HMIS Information



Degree of Hazard
4= Severe
3= Serious
2= Moderate
1= Slight
0= Minimal
*=Chronic

US NFPA Codes:

Health	Fire	Reactivity	Special
1	2	0	N/E

(N/E) – None established

Revision Information:

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